asked the National Hydroelectric Power Corporation to set up a 900 MW tidal power project in Kutch region;

(b) whether Government of Gujarat have agreed to the proposal of setting up this project in the Central Sector and whether a suitable site has been selected, if so, what are the details thereof; and

(c) whether there are other power projects based on alternate sources of energy in view of vast potential of tidal and solar energy reserves in Kutch, if so, what are the details thereof?

THE MINISTER OF STATE IN THE *DEPARTMENT OF POWER IN THE* MINISTRY OF ENERGY (SHRI KALPNATH RAI): (a) Yes, Sir. Government have entrusted the execution of the proposed tidal power project in the Gulf of Kutch to the National Hydro-electric Power Corporation.

(b) Yes, Sir. The Government of Gujarat have communicated their no objection to the setting up of the tidal power project in the Central Sector. A suitable site has been identified in the Hansthal Creek of the Gulf of Kutch.

(c) There is no other tidal power project in the Gulf of Kutch at present. However, a project proposal for setting up a 30 MW solar power plant near Bhuj has been submitted by Gujarat Energy Development Agency to the Department of Non-Conventional Energy Sources.

द्विभाषी टेलीप्रिंटरों का विनिर्माण

2879. **डा० रत्नाकर पाण्डेय** : क्या **संचार** मंत्री यह बताने की कृपा करेंगे कि :

(क) भारत में इलेक्ट्रानिक टेलीप्रिंटर किन-किन कंपनियों द्वारा बनाये जाते हैं;

(ख) देवनागरी लिपि के इलेक्ट्रॉनिक टेलीप्रिंटर किन-किन कपनियों द्वारा बनाए जाते हैं;

(ग) द्विभाषी टेलीप्रिंटरों का विनिर्माण किस वर्ष प्रारंभ हुआ था इसका पहला नमूना किस वर्ष तैयार किया गया था और इसका निर्माण कब आरंभ हुआ; और

(घ) भारत में अब तक कितने द्विभाषी टेलीप्रिंटर बनाए जा चुके हैं तथा कितने टेलीप्रिंटर बेचे जा चुके हैं ?

संचार मंत्रालय में राज्य मंत्री (श्री गिरधर गोमांगो) : (क) आज की तारीख में भारत की मैसर्स हिन्दुस्तान टेलीप्रिंटर्स लि० मद्रास, ही इलैक्ट्रोनिक टेलीप्रिंटरों का विनिर्माण कर रही है।

(ख) केवल देवनागरी लिपि में इलेक्ट्रानिक टेलीप्रिंटरों का विनिर्माण किसी भी कंपनी द्वारा नहीं किया जा रहा है।

(ग) हिन्दुस्तान टेलीप्रिंटर्स लि. ने 1987 में रोमन तथा देवनागरी लिपि के द्विभाषिक इलैक्ट्रानिक टेलीप्रिंटरों का भी निर्माण शुरू किया था। हिन्दुस्तान टेलीप्रिंटर्स लि. ने प्रोटोटाइप द्विभाषी इलैक्ट्रानिक टेलीप्रिंटर नहीं बनाये थे।

(घ) जून, 1987 से आज की तारीख तक 3048 द्विभाषी इलैक्ट्रानिक टेलीप्रिंटर तैयार किए गए हैं, जिनमें से 2495 बेचे जा चुके हैं।

Study about Chemical Industry

2880. SHRI KRISHNA KUMAR BIRLA: Will the Minister of INDUSTRY be pleased to state:

(a) whether any assessment has been made by Government about the estimated number of unregistered and illegal units in the chemical industry in the country and what is the estimated annual fatality rate in these units during the last three years;

(b) if so, whether any study has been made to identify the factors behind the growth of unregistered chemical units in the country; and

(c) if so, what are the details thereof stating the manner in which Government propose to tackle the

problem of illegal growth of hazardous chemical units in the country?

THE MINISTER OF INDUSTRY (SHRI J. VENGAL RAO): (a) and (b) The Government is not aware of any illegal or unregistered chemical units in the country. No study has been made by the Government to identitfy the factors responsible for the growth of such units.

(c) Does not arise.

Production of industries hit due to shortage of power in Uttar Pradesh

2881. DR. MOHD. HASHIM KIDWAI: Will the Minister of INDUSTRY be pleased to state:

(a) whether it is a fact that a number of industries have been hit in Uttar Pradesh and their production has fallen due to shortage of power in the State during the period from January, 1987 to December, 1988;

(b) if so, which are the industries affected by this power shortage and to what extent production has been affected; and

(c) what action has been taken by Government to improve the situation?

THE MINISTER OF STATE IN THE DEPARTMENT OF INDUSTRIAL DEVELOPMENT IN THE MINISTRY OF INDUSTRY (SHRI M. ARUNACHALAM): (a) to (c) Details of industries hit by power shortage in Uttar Pradesh are not available. However, according to DGTD, production in some units manufacturing cement, paper, industrial gases, steel castings have been affected by shortage of power in Uttar Pradesh.

CSO does not compile state-wise index of industrial production. However, according to the index of industrial production compiled by CSO on an all-India level, the rates of growth of industrial production were 10.5 per cent in 1987 and 7.8 per cent in 1988. Government has been providing a number of fiscal and financial incentives to stimulate industrial growth. Government is also taking steps to ensure that the infrastructure industries perform well to support industrial production.

Loans outstanding against Public Sector Undertakings

2882. SHRI M. VINCENT: Will the Minister of INDUSTRY be pleased to state:

(a) what is the total amount of loans and other debts outstanding against various public sector undertakings;

(b) whether the terms and conditions of the various borrowing institutions are being followed by the public sector undertakings for the repayment; and

(c) whether Government are taking steps to collect the outstanding amount?

THE MINISTER OF INDUSTRY (SHRI J. VENGAL RAO): (a) Total amount of loans and debts outstanding against various Public Sector Enterprises as on 31-3-88, upto which date the data is available is Rs. 46952.11 crores.

(b) and (c) Terms and Conditions of repayment of loans are followed except where the financial position of the enterprise makes it difficult for them to repay loans and pay interest in time. Enterprise—specific action is taken by Government in such cases.

Impact of liberalised trade policies

2883. SHRI SURESH PACHOURI: Will the Minister of INDUSTRY be pleased to state:

(a) whether the liberalisation of trade policies in recent years has led to an unprecendented rise in the corporate conflicts involving a number of hostile take-over bids and mergers in 1988;

(b) if so, what is the total number of big companies that changed hands during 1988; and